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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

3

Application Number

10/722,285

Filing Date

NOVEMBER 25, 2003

First Named Inventor

SHRIVASTAV

Art Unit

2641

Examiner Name

DORVIL, RICHEMOND

Attorney Docket Number

5853-278-1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JS/		CHILDERS, D.G., et al., "Vocal quality factors: analysis, synthesis, and perception", J. Acoust. Soc. Am., Vol. 90, No. 5, pp. 2394-410, (Nov. 1991).	✓
		De KROM, G., "A Cepstrum-Based Technique for Determining a Harmonics-to-Noise Ratio in Speech Signals", J. Speech Hear. Res., Vol. 36, No. 2, (Apr. 1993).	✓
		De KROM, G., "Some Spectral Correlates of Pathological Breathy & Rough Voice Quality for Different Types of Vowel Fragments" J. Speech Hear. Res., Vol. 38, No. 4, (Aug. 1995).	✓
		DEAL, R.E., et al., "Some waveform & spectral features of vowel roughness", J. Speech Hear. Res., Vol. 21, No. 2, pp. 250-64, (June 1978).	✓
		EMANUEL, F.W., et al., "Identification of normal & abnormally rough vowels by spectral noise level measurements", J Commun Disord., Vol. 14, No. 1, (cont. below)	✓
		(cont. from above) pp. 75-85, (Jan. 1981).	
		EMANUEL, F.W., et al., "Harmonic levels & vowel roughness", J Speech Hear Res., Vol. 22, No. 4, pp. 829-40, (Dec. 1979).	✓
		ESKENAZI, L., et al., "Acoustic correlates of vocal quality", J Speech Hear Res., Vol. 33, No. 2, pp. 298-306, (June 1990).	✓
↓		FEIJOO, S., et al., "Short-term stability measures for the evaluation of vocal quality", J Speech Hear Res., Vol. 33, No. 2, pp. 324-34, (June 1990).	✓
/JS/		FROHLICH, M., et al., "Acoustic Voice Analysis by Means of the Hoarseness Diagram", J Speech Lang. Hear Res., Vol. 43, No. 3, (June 2000).	✓

Examiner
Signature

/Joel Stoffregen/

Date
Considered

04/11/2007

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		Art Unit	2641		
		Examiner Name	DORVIL, RICHEMOND		
Sheet	2	of	3	Attorney Docket Number	5853-278-1

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/JS/ ↓		MICHAELIS, D., et al., "Selection & combination of acoustic features for the description of pathologic voices", J Acoust Soc Am., Vol. 103, (cont. below)	✓
		(cont. from above) No. 3, pp. 1628-39, (March 1998).	
		GAUFFIN, J., et al., "Spectral correlates of glottal voice source waveform characteristics", J Speech Hear Res., Vol. 32, No.3, pp. 556-65, (Spe. 1989).	✓
		HAMMARBERG, B., et al., "Perceptual & acoustic correlates of abnormal voice qualities", Acta Otolaryngol., Vol. 90, Nos. 5-6, pp. 441-51, (Nov-Dec, 1980).	✓
		HILLENBRAND, J., et al., "Acoustic Correlates of Breathy Vocal Quality", J Speech Hear Res., Vol. 37, No. 4, (Aug. 1994).	✓
		HILLENBRAND, J., et al., "Acoustic correlates of breathy vocal quality, dysphonic voices & continuous speech", J Speech Hear Res., Vol. 39, (cont. below)	✓
		(cont. from above) No. 2, pp. 311-21, (Apr. 1996).	
		HIRANO, M., et al., "Acoustic analysis of pathological voice." Acta Otolaryngol, Vol. 105, Nos. 5-6, pp. 432-8, (May-June 1988).	✓
		KASUYA, H., et al., "Normalized noise energy as an acoustic measure to evaluate pathologic voice", J Acoust Soc Am., Vol. 80, No. 5, pp. 1329-34, (Nov. 1986).	✓
	/JS/	MARTIN, D., et al., "Pathologic voice type & the acoustic prediction of severity", J Speech Hear Res., Vol. 38, No. 4, pp. 765-71, (Aug. 1995).	✓

Examiner Signature	/Joel Stoffregen/	Date Considered	04/11/2007
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/JS/		MILENKOVIC, P., "Least mean square measures of voice perturbation", J Speech Hear Res., Vol. 30, No. 4, pp. 529-38, (Dec. 1987).	✓
		PARSA, V., et al., "Identification of pathological voices using glottal noise measures", J Speech Lang Hear Res., Vol. 43, No. 2, pp. 469-85, (Apr. 2000).	✓
		SHRIVASTAV, R., "The use of an auditory model in predicting perceptual ratings of breathy voice quality", J Voice, Vo. 17, No. 4, pp. 502-12, (Dec. 2003).	✓
		"Perceptual Speech Quality Measurement", OPTICOM GmbH, 2001.	✓
		PROSEK, R.A., et al., "An evaluation of residue features as correlates of voice disorders", J Commun Disord., Vol. 20, No. 2, pp. 105-17, (Apr. 1987).	✓
/JS/		SHOJI, K., et al., "High-frequency power ratio of breathy voice", Laryngoscope, Vol. 102, No. 3, pp. 267-71, (Mar. 1992).	✓

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